

Question

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API RESTful Version

Hello,

We need to create a versioning of an existing API, so we going to set a default version (so far) for current connections to version 1

My first attempt is:

```
XData UriMap [ XMLNamespace = "http://www.intersystems.com/urlmap" ]
{
  <Routes>
    <Route Url="(?) /check" Method="GET" Call="CheckApi"/>
    <Route Url="(?) /getcustomer" Method="POST" Call="GetCustomerDefault"/>
    <Route Url="(?) /revoke" Method="DELETE" Call="RevokeDefault"/>
    <Route Url="(?) :version/getcustomer" Method="POST" Call="GetCustomer"/>
    <Route Url="(?) :version/revoke" Method="DELETE" Call="Revoke"/>
  </Routes>
}

Parameter DEFAULTVERSION = 1;
Parameter CURRENTVERSION = 2;

// Get customer info (API version default) ClassMethod
GetCustomerDefault() As %Status
{
  quit ..GetCustomer(..#DEFAULTVERSION)
}

ClassMethod GetCustomer(pVersion As %Integer) As %Status
{
  // This is the code for all version. Get the Id and pass into the message
  .....
  quit $$$OK
}
```

Also, I have a parameter called DEFAULTVERSION with value 1

By this way, the newer calls will have the version number and response according the version of API

The URL will be:

apiserver.com/api/2/getCustomer

I'm checking if the version is less than a CURRENTVERSION, the call is fine

According to a new especification, the URL will be "api/v2/getCustomer", before it was an integer, and now will be a string.

How can I check if this parameter is well formed (v and number), then I can evaluate if the number is an valid API version?

We can change our versioning, so any suggest will be welcome

[#Business Service](#) [#REST API](#) [#Ensemble](#)

Source URL: <https://community.intersystems.com/post/api-restful-version>